

AMENDMENTS TO THE CLAIMS

1-2 (Cancelled)

3. (Currently Amended) A jewelry individual network component comprising:
a wireless transceiver configured to send data to and receive data from other individual network components in a modular personal network via a wireless network protocol,
circuitry to provide a specific function for the modular personal network,
a mount configured to allow a user to wear the jewelry individual network component, and
an integrated item of jewelry selected from an earring, an item of body jewelry, a pendant, a necklace, a ring, a brooch, a pin, a cufflink, a tie tack, a tuxedo stud, a barrette, a hairpin, a hair accessory, a belt buckle, a bracelet, and an ankle bracelet,
whereby the jewelry individual network component is configured to operate as an individual network component in the modular personal network so as to send or receive data from one or more other individual network components of the modular personal network that are also carried by the user, and
wherein the modular personal network has characteristics, which are imparted onto network components operable in the network including the jewelry network component, the characteristics comprising each component providing one or more functions to the network, a new network component can be added to the modular personal network at any time to increase the capabilities of a resulting system, a single network component can be removed resulting in an operating modular personal network that can perform without the single network component and its corresponding one or more functions, the modular personal network is about the size as a user's personal space, and individual components operating in the modular personal network are configured to receive from or transmit data to one or more other components in the modular personal network, and

whereby the jewelry individual network component operates with another individual network component when both are within the user's personal space, each having said characteristics of the modular personal network and the removal of one results in two separate operating modular personal networks where each can be added to the operating modular personal network of the other at any time to increase the capabilities of the resulting system.

4. (Previously Presented) The jewelry individual network component of claim 3, wherein the jewelry individual network component is an earring speaker and wherein:
the mount is configured to be worn in a pierced ear,
the wireless transceiver comprises a wireless receiver for receiving audio information, and
the circuitry comprises a speaker for playing the audio information.

5. (Previously Presented) The jewelry individual network component of claim 3, wherein the jewelry individual network component is an earring antenna and wherein:
the mount is configured to be worn in a user's pierced ear;
the circuitry comprises
an antenna for receiving radio frequency signals,
a demodulator for processing the received signals, and
a modulator for converting the processed signals; and
the wireless transceiver comprises
a wireless transmitter for sending the converted signals to another device worn by the user.

6. (Previously Presented) The jewelry individual network component of claim 3, wherein the jewelry individual network component is a ring individual network component and wherein:
the mount is of a ring configured to be worn around a user's finger,
the wireless transceiver is configured to communicate with a second individual network component worn by the user, and

the circuitry is selected from the group consisting of a pushbutton, a microphone, a digital camera, a pulse oximeter, a heart rate sensor, a blood pressure sensor, and a display, wherein a function of the circuitry is provided to the second individual network component.

7-9. (Cancelled)

10. (Currently Amended) A method for implementing a jewelry individual network component comprising:

configuring the jewelry individual network component to send data to or receive data from other individual network components in a modular personal network via a wireless network protocol,
configuring the jewelry individual network component to provide a specific function for the modular personal network,
allowing a user to wear the jewelry individual network component using a mount, and
integrating an item of jewelry into the jewelry individual network component that is selected from an earring, an item of body jewelry, a pendant, a necklace, a ring, a brooch, a pin, a cufflink, a tie tack, a tuxedo stud, a barrette, a hairpin, a hair accessory, a belt buckle, a bracelet, and an ankle bracelet,
whereby the jewelry individual network component is configured to operate as an individual network component in the modular personal network so as to send or receive data from one or more other individual network components of the modular personal network that are also carried by the user, and
wherein the modular personal network has characteristics, which are imparted onto network components operable in the network including the jewelry network component, the characteristics comprising each component providing one or more functions to the network, a new network component can be added to the modular personal network at any time to increase the

capabilities of a resulting system, a single network component can be removed resulting in an operating modular personal network that can perform without the single network component and its corresponding one or more functions, the modular personal network is about the size as a user's personal space, and individual components operating in the modular personal network are configured to receive from or transmit data to one or more other components in the modular personal network, and
whereby the jewelry individual network component operates with another individual network component when both are within the user's personal space, each having said characteristics of the modular personal network and the removal of one results in two separate operating modular personal networks where each can be added to the operating modular personal network of the other at any time to increase the capabilities of the resulting system.

11. (Previously Presented) The method of claim 10 wherein the jewelry individual network component is an earring speaker and wherein:

- the mount is configured to be worn in a pierced ear,
- the jewelry individual network component receives audio information, and
- the function is of a speaker for playing the audio information.

12. (Previously Presented) The method of claim 10 wherein the jewelry individual network component is an earring antenna and wherein:

- the mount is configured to be worn in a user's pierced ear;
- the providing a specific function comprises:
 - receiving radio frequency signals at an antenna,
 - processing the received signals using a demodulator, and
 - converting the processed signals using a modulator; and
- the receiving or sending of data comprises:
 - sending the converted signals to another device worn by the user.

13. (Previously Presented) The method of claim 10 wherein the jewelry individual network component is a ring individual network component and wherein:

the mount is of a ring configured to be worn around a user's finger, the sending or receiving comprises communicating with a second individual network component worn by the user, and

the specific function is of a pushbutton, a microphone, a digital camera, a pulse oximeter, a heart rate sensor, a blood pressure sensor, or a display, which is a particular function that is provided to the second individual network component.

14. (Previously Presented) The jewelry individual network component of claim 3, wherein the new network component is added to implement a new function for the user in the modular personal network.

15. (Previously Presented) The jewelry individual network component of claim 3, wherein new network components automatically join the modular personal network.

16. (Previously Presented) The jewelry individual network component of claim 3, wherein the modular personal network automatically continues to operate with any remaining network components when the single network component is removed.

17. (Previously Presented) The jewelry individual network component of claim 3, wherein the jewelry individual network component in the modular personal network automatically configures to adapt to an addition or removal of a another modular personal network component.

18. (Previously Presented) The jewelry individual network component of claim 3, wherein individual network component of a modular personal network automatically join the modular personal network when said individual network component enters the user's personal space.

19. (Previously Presented) The jewelry individual network component of claim 3, wherein each individual network component store identification information of other individual network components in its current modular personal network.

20. (Currently Amended) The jewelry individual network component of claim 3, wherein each individual network component stores device identification and network identification information for the current modular personal network.

21. (Previously Presented) The method of claim 10, wherein the new network component is added to implement a new function for the user in the modular personal network.

22. (Previously Presented) The method of claim 10, wherein new network components automatically join the modular personal network.

23. (Previously Presented) The method of claim 10, wherein the modular personal network automatically continues to operate with any remaining network components when the single network component is removed.

24. (Previously Presented) The method of claim 10, wherein the jewelry individual network component in the modular personal network automatically configures to adapt to an addition or removal of another modular personal network component.

25. (Previously Presented) The method of claim 10, wherein individual network component of a modular personal network automatically join the modular personal network when said individual network component enters the user's personal space.

26. (Previously Presented) The method of claim 10, wherein each individual network component store identification information of other individual network components in its current modular personal network.

27. (Previously Presented) The method of claim 10, wherein each individual network component stores network identification information for the current modular personal network.

28. (Currently Amended) A jewelry individual network component comprising:
an integrated item of jewelry;
a first component configured to provide a plurality of functions;
a second component configured to wirelessly communicate with another modular personal network components within a modular personal network ("MPN")
via a wireless network protocol;
a third component configured to store device identification and network
identification information for use in the current modular personal network;
and
a fourth component configured to adapt to an addition or removal of any modular personal network component of the MPN from the MPN to continue to provide the plurality of functions.

29. (Currently Amended) A system for providing a modular personal network ("MPN") comprising:
a plurality of jewelry individual network components in wireless communication with each other via a wireless network protocol; wherein each jewelry individual network component is configured to store device identification and network identification information for use in the current wireless communication network; and wherein each component is configured to adapt to an addition or removal of any modular personal network component of the MPN from the MPN to continue to provide the functions of the remaining plurality of jewelry individual network components.

30. (Currently Amended) A ~~processor~~ jewelry individual network component comprising a computer readable medium encoded with a computer program, software, computer executable instructions, or instructions capable of being executed by a computer jewelry

individual network component comprising wherein the computer program, software, computer executable instructions, or instructions ~~the instructions for performing~~ the steps of claim 10.